

More...Problem Solving

Date: _____

EX: The student council made \$750 from a dance. They put part of the \$750 in a savings account that earns 4% interest and the rest in a chequing account that pays 2%. If the total interest for the year was \$27, how much was put in each account?

EX: With a tailwind, a plane flew the 3000km from Calgary to Montreal in 5 hours. The return flight, against the wind, took 6 hours. Find the wind speed and speed of the plane.

EX: Suzie ran part of a 42km marathon at an average speed of 10km/h and walked the rest at an average speed of 6km/h. She spent 1 hour more time running than walking. How long did it take her to finish the marathon?

EX: At a silver smith's shop, they have alloys that contain 40% silver and others that are 50% silver. A custom order for a bracelet requires 150g of 44% silver. How much of each alloy should be melted together to make the bracelet?